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June 6, 2003

Ms. Luly E. Massaro, Commission Clerk  
Rhode Island Public Utilities Commission  
89 Jefferson Boulevard  
Warwick, Rhode Island 02888

Dear Ms. Massaro:

We are filing, herewith, for effect July 6, 2003, tariff material consisting of:

**RI PUC No. 15**

Part/Section	Revision of Page(s)	Original of Page(s)
TOC	45 and 66	N/A
D/1	N/A	7, 8, 9, 10, and 11
M/4	N/A	3

This tariff filing provides for the introduction of a new service offering called Transparent LAN Service (TLS) to the existing Verizon product portfolio.

Transparent LAN Service is a high-speed data service, which uses a shared fiber network to allow for the interconnection of Local Area Networks (LANs) across selected metropolitan areas. TLS delivers interfaces of 10 Mbps and 100 Mbps from the customer's LANs to the shared network. TLS creates a network with the ability to function as a shared public network. TLS protects data privacy by using specialized screening software that permits subscribers to access only their data.

Customers may order TLS on a month-to-month basis or under three- or five-year service term plans.

If you have any questions regarding this filing, please contact Frances O'Neill-Cunha of my staff at 401 525-3560.

Enclosed are an original and nine copies of the tariff material. Please return a copy of this letter and the tariff pages marked "Duplicate" with your stamp of receipt.

Respectfully submitted,  
Theresa L. O'Brien

Attachments

**Verizon Rhode Island**

**Tariff Filing Support Package**

**Transparent LAN Service (TLS)**

June 6, 2003

## **Verizon Rhode Island Transparent LAN Service (TLS)**

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## **Section 1**

### **Service Description**

The purpose of this filing is to introduce a new service offering called Transparent LAN Service (TLS) to the existing Verizon product portfolio.

Transparent LAN Service (TLS) is a high-speed data service, which uses a shared fiber network to allow for the interconnection of Local Area Networks (LANs) across selected metropolitan areas. TLS delivers interfaces of 10 Mbps and 100 Mbps from the Customer's LANs to the shared network. TLS creates a network with the ability to function as a shared public network. TLS protects data privacy by using specialized screening software that permits subscribers to access only their data.

Customers may order month-to-month, 3-year or 5-year service term plans. One-time (NRC) charges are applicable to the month-to-month term plan for TLS service, but when the customer orders a three-or-five year term pricing plan, NRC charges associated with TLS service do not apply. The customer is also responsible for installation work that is performed beyond the demarcation point. Normal time and material charges will apply.

The month-to-month service option carries a 9-month minimum commitment. Termination charges will apply if the service is disconnected before the expiration of the term. If the customer disconnects the month-to-month service prior to fulfilling the 9-month minimum, the customer will be billed the monthly rate associated with the service ordered, multiplied by the number of months remaining of the 9 months. If TLS is terminated by the Customer prior to completion of a term commitment period, the Customer shall be liable for an early termination charge, except as provided by tariff exception. The amount of the early termination charge will be 25% of the monthly recurring charge(s) (MRC) for the remainder of the term. For example:  $25\% \times \text{MRC} \times \# \text{ of Lines} \times \text{Remainder of Term} = \text{Termination Charge}$

A Domain Charge applies when a customer changes from one Virtual LAN (VLAN) to another VLAN. A VLAN is a collection of circuits that belongs to one closed user group.

If an existing TLS customer wishes to add another site, they can do so and will be billed accordingly.

TLS service is available only where facilities permit. Special construction charges may apply when fiber build out is required. For example, if the customer's premise has no fiber into the building, Engineering will price the cost to run the fiber to the premise from the central office, and the customer will be responsible for this charge.

TLS will be available for resale.

## **Section 2**

### **Rationale for Filing**

The customer applications that are in use today demand higher bandwidth increments. In order to remain competitive and meet our customers' data requirements, Verizon must introduce higher bandwidth services with greater bandwidth throughput.

By deploying Transparent LAN Service (TLS), Verizon Rhode Island will provide a competitive data service that will allow Verizon to retain and grow its customer base, thus generating new revenue.

## **Section 3**

### **Rate Development**

The rates for Transparent LAN Service (TLS) are based on the competitive market as well as other Verizon services.

<b>TLS Rates</b>		
	<b>Monthly/MRC</b>	<b>NRC</b>
<b><u>Month-to-Month</u></b>		
<b>10 Mbps</b>	\$1,200.00	\$1,300.00
<b>100 Mbps</b>	\$3,000.00	\$1,300.00
<b><u>3-Year</u></b>		
<b>10 Mbps</b>	\$1,000.00	N/A
<b>100 Mbps</b>	\$2,700.00	N/A
<b><u>5-Year</u></b>		
<b>10 Mbps</b>	\$900.00	N/A
<b>100 Mbps</b>	\$2,500.00	N/A
<b><u>Inter Office Mileage</u></b>	Mo-to-Mo, 3-& 5-Year \$100	Per Mile charge from Customer Local Serving Office(LSO) to TLS equipped CO
<b>Domain Change</b>	N/A	\$400.00

Verizon certifies that the rates for Transparent LAN Service are not less the Long-run Incremental Cost of providing TLS Service.

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Verizon New England Inc.

# 1. Advanced Data Services

## 1.4 Transparent LAN Service (TLS)

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1.4.1 Definitions	
	In addition to the General Definitions set forth in PUC RI No. 15, Section 1.1, the following definitions apply:
<b>A. Domain:</b>	A Virtual Local Area Network (VLAN) or a collection of circuits that belongs to one closed user group.
<b>B. Megabit Per Second (Mbps.):</b>	The speed at which data is transferred through the network, where one Megabit Per Second equals the transfer rate of one (1) million bits of data in one (1) second.
<b>C. Nanometers (nm):</b>	Wavelength frequency equivalent to 1 billionth of a meter

1.4.2 Service Descriptions	
<b>A.</b>	Transparent LAN Service (TLS) is a high speed data service that uses a shared fiber network to allow for the interconnection of Local Area Networks (LANs) across selected metropolitan areas. TLS delivers interfaces of 10 Mbps or 100 Mbps from the Customer's LANs to the shared network. TLS protects data privacy by using specialized screening software that permits subscribers to access only their data.

1.4.3 Regulations	
<b>A.</b>	A TLS network is provisioned through specialized wire centers in a specific geographic location. Customers gain access to the shared public wire center network via TLS equipment deployed in the Customer's serving wiring center (or deployed in leased space near the Customer's location). At subscription, the Customer has an option of selecting access lines at speeds of 10 Mbps or 100 Mbps.
<b>B.</b>	TLS is available to Customers whose serving central office is equipped with TLS equipment and is located within the maximum allowable range of the serving central office. The maximum dB loss cannot exceed 20dB @ 1310 nm for 10 Mbps service and 26 dB @ 1310 nm for 100 Mbps service depending on the Customer's distance from the TLS equipped office.
<b>C.</b>	If the Customer's serving central office is not equipped with TLS equipment, the Customer may obtain service from a TLS equipped central office, by purchasing Interoffice Mileage in addition to the TLS access line. The dB loss cannot exceed the maximum allowable range, as specified in (B).

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**1. Advanced Data Services**  
**1.4 Transparent LAN Service (TLS)**

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<b>1.4.3 Regulations</b>	
<b>D. Provision of Service-</b>	The TLS service will consist of:
1.	Network Interface Device (NID) at the Customer's premises to terminate the fiber pair.
2.	Dedicated fiber pair from the Customer's premises to the serving central office.
3.	Network Management including fault monitoring and diagnostics, performance and network configuration applications and manual monitoring when necessary.
4.	Dedicated Port on the TLS switch.
5.	Interoffice Mileage, where applicable.
<b>E. Availability of Service-</b>	TLS will be provided seven days a week, 24 hours a day, from central offices equipped to provide this service.
<b>F. Connections-</b>	The network interface is the LAN interface on the TLS equipment at the Customer's premises. The Customer is responsible for any inside wiring required to connect the LAN to the TLS equipment.
1.	The Customer is also responsible for installation, operation and maintenance of any Customer-provided equipment.
2.	The Telephone Company has the service responsibility up to and including the network interface.
<b>G. Limitations-</b>	The Customer's location must be within the maximum allowable range of the TLS equipped central office, as defined in (B). If the Customer's location is not within the maximum allowable range, the Customer may obtain service by purchasing Interoffice Mileage in addition to the TLS Access Line, as described in (C).
<b>H. Maintenance Window-</b>	To meet the Customers' requirements, occasional network upgrades must be performed. These network upgrades are needed to provide improved performance and new features. Generally these upgrades will be performed between the hours of 11 PM and 8 AM. Network upgrades are planned to provide Customers reasonable and timely notification in order to minimize any impact on the Customer's service.
<b>I. Technical Specification-</b>	The technical specifications for TLS are delineated in IEEE802.3-2000.
<b>J. Transmission Mode-</b>	The transmission mode supported is dependent on the access rate. The supported transmission mode for 10 Mbps access is full-duplex. The supported transmission mode for 100 Mbps access is full duplex.
<b>K.</b>	TLS is available where facilities and conditions permit. Special construction charges may apply.
<b>L.</b>	The associated regulations, rates and charges under the appropriate Telephone Company Tariff shall apply in addition to the regulations, rates and charges associated with TLS.

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**1. Advanced Data Services**  
**1.4 Transparent LAN Service (TLS)**

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<b>1.4.4 Application of Rates and Charges</b>	
<b>A.</b>	The following rate elements are applicable to TLS:
<b>1.</b>	<b>Access Line-</b> A monthly rate applies on a per-line basis, based on the speed of the access connection (i.e., 10, Mbps. or 100 Mbps.).
<b>a.</b>	The Access Line is offered on a month-to-month basis, or as a three-year or five-year Term Commitment Plan.
<b>b.</b>	A nonrecurring charge applies to the installation of the TLS Access Line provided on a month-to-month basis.
<b>2.</b>	<b>Interoffice Mileage-</b> The Interoffice Mileage charge applies to the distance between the Customer's serving central office and the nearest TLS equipped central office. This interoffice distance is measured in airline miles, based upon the latitude and longitude of each central office. The mileage measurement is calculated as specified by NECA tariff FCC No. 4. The mileage rate applies on a per-mile basis. This charge applies in addition to the applicable rates and charges for the TLS Access Line.
<b>3.</b>	<b>Domain/LAN Extension Equipment Changes-</b> Customer requests for changes in Domains and replacement of LAN extension equipment will be assessed a nonrecurring charge per location per change.
<b>B.</b>	<b>Minimum Period</b> - The minimum period for TLS under the month-to-month plan is nine months.
<b>C.</b>	<b>Term Payment Plans</b> - The TLS Access Line is offered under a three-(3) year or five-(5) year Term Payment Plan. The regulations applicable to TLS provided under a Term Payment Plan are specified in 1.4.5 following.
<b>D.</b>	<b>Moves and Changes</b> - When the Customer requests a move or relocation of the TLS Access Line to a different address and/or different building, the move or relocation will be treated as a termination of the existing service and the establishment of a new service for the application of all charges.

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# 1. Advanced Data Services

## 1.4 Transparent LAN Service (TLS)

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1.4.5 Termination Liability	
<b>A.</b>	<p>In the event TLS is terminated by the Customer prior to completion of the current term commitment period, the Customer shall be liable for an early termination charge, except as noted below. The amount of the early termination charge will be 25% of the monthly recurring charge(s) (MRC) for the remainder of the term. For example:</p> $25\% \times \text{MRC} \times \# \text{ of Lines} \times \text{Remainder of Term} = \text{Termination Charge}$ <p>1. Early termination charges will apply only to those rate elements under a term plan. If any rates for the service are increased during the term period, exclusive of any increase due to local, state or federal fees, taxes or surcharges, the Customer may terminate the service without incurring an early termination charge.</p>
<b>B.</b>	<p><b>End of Term Options</b> - Prior to the end of the term plan, the Customer may select one of the following options, to be effective at the end of the term:</p> <ol style="list-style-type: none"> <li>1. Renew term plan</li> <li>2. Commit to a new term plan</li> <li>3. Arrange for a change of service, or</li> <li>4. Arrange for termination of the service.</li> </ol>
<b>C.</b>	<p>In the event the Customer does not select one of the above options, the Customer will be converted to the shortest-term period available under tariff (i.e., month-to-month) for the same service, and will be subject to the applicable term commitment, if any, unless the Customer terminates the service within sixty (60) days of the conversion date.</p>
<b>D.</b>	<p>Early termination charges will not be assessed under the following circumstances:</p> <ol style="list-style-type: none"> <li>1. Customer moves existing service either to a new location within the same address and/or same building (inside move) or to a new location (outside move) and maintains that service for the remainder of the term;</li> <li>2. Customer attempts to move the existing service to a new location within the Company's service area, but the service is unavailable;</li> <li>3. Customer renegotiates a new term plan for the same service before the current plan expires and the value of the new term plan is equal to or greater than the remaining value of the current term plan;</li> <li>4. Customer changes to another service or upgrades service to a higher speed or capacity under a term plan, provided the following conditions are met: <ol style="list-style-type: none"> <li>a. The value of the new term plan is equal to or greater than the remaining value of the current term plan,</li> <li>b. The Telephone Company provides the new service via tariff,</li> <li>c. The order to discontinue the existing service and the order for the new or upgraded service are received by the Company at the same time.</li> </ol> </li> </ol>

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**1. Advanced Data Services**  
**1.4 Transparent LAN Service (TLS)**

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<b>1.4.6 Interruption of Service</b>	
<b>A.</b>	<b>Interruption of Service</b> - For any complete failure of service which continues for more than 24 hours, credit will be applied according to Part A, Section 1.4.4.

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#### 4. Rates and Charges

##### 4.2 Transparent LAN Service

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4.2.1 Transparent LAN Service				
ID	Service Category	Rate Element	Rate	USOC
	Access Line	10 Mbps – Month-to-Month – NRC – Each line	1,300.00	
		100 Mbps – Month-to-Month – NRC – Each line	1,300.00	
		10 Mbps – Month-to-Month – Monthly - Each line	1,200.00	
		100 Mbps – Month-to-Month – Monthly Each line	3,000.00	
		10 Mbps – 3-Year Term Plan – Monthly - Each line	1,000.00	
		100 Mbps – 3-Year Term Plan – Monthly Each line	2,700.00	
		10 Mbps – 5-Year Term Plan – Monthly - Each line	900.00	
		100 Mbps – 5-Year Term Plan – Monthly - Each line	2,500.00	
	Interoffice Mileage - - Per line	Per Mile - Monthly	100.00	
	TLS Domain/LAN Change	Extension Equipment Changes – NRC – Per location, Per change	400.00	

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